



AMENDMENT UNDER 37 C.F.R. § 1.116
U.S. Application No.: 09/670,616

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1 (Amended). A floppy disk comprising a base material and, sequentially formed on both surfaces of said base material, a metal seed layer, a primer layer, a magnetic layer, a protective layer, and a lubricant layer,

wherein said base material comprises a nonmagnetic flexible support member with a thickness in the range of 30 - 150 μm and formed on both surfaces of said nonmagnetic flexible support member a heat-resistant macromolecular flattening layer, wherein said heat-resistant macromolecular flattening layer comprises at least one type of silicone resin, polyimide resin, polyamideimide resin or polyamide resin,

wherein the linear expansion coefficient of the seed layer (E_{SE}) and the linear expansion coefficient of the primer layer (E_{UL}) satisfy a relation of: $|E_{SE} - E_{UL}| / E_{UL} < 0.3$, and the tensile strength of the seed layer (S_{SE}) and the tensile strength of the primer layer (S_{UL}) satisfy a relation of: $S_{SE} / S_{UL} > 1$.

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4 (Twice Amended). A floppy disk according to claim 1, wherein the thickness of the flattening layer is within the range of 0.1 - 5.0 μm .

Claims 21-32 are added as new claims.

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21 (New). A floppy disk according to claim 1, wherein micro-projections comprising fillers are formed on said flattening layer and between said flattening layer and said seed layer.

22 (New). A floppy disk according to claim 4, wherein micro-projections comprising fillers are formed on said flattening layer and between said flattening layer and said seed layer.

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23 (New). A floppy disk according to claim 21, wherein said fillers comprise inorganic oxides and have particle size within the range of 5 - 40 nm.

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24 (New). A floppy disk according to claim 22, wherein said fillers comprise inorganic oxides and have particle size within the range of 5 - 40 nm.

25 (New). A floppy disk according to claim 23, wherein temperature of the support member during the formation of the metal layer is within the range of 10 - 200°C.

26 (New). A floppy disk according to claim 24, wherein temperature of the support member during the formation of the metal layer is within the range of 10 - 200°C.

27 (New). A floppy disk according to claim 25, wherein the magnetic layer comprises a CoCr alloy as main component.

28 (New). A floppy disk according to claim 26, wherein the magnetic layer comprises a CoCr alloy as main component.

29 (New). A floppy disk according to claim 27, wherein the Cr concentration in the magnetic layer is within the range of 10 - 30 atom %.

30 (New). A floppy disk according to claim 28, wherein the Cr concentration in the magnetic layer is within the range of 10 - 30 atom %.

31 (New). A floppy disk according to claim 29, wherein the primer layer comprises Cr or a nonmagnetic alloy containing Cr as main component, and the Cr content of the primer layer is within the range of 77 - 100 atom %.

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32 (New). A floppy disk according to claim 30, wherein the primer layer comprises Cr or a nonmagnetic alloy containing Cr as main component, and the Cr content of the primer layer is within the range of 77 - 100 atom %.